

The data from 1989 is the latest available on computer.

While the chemicals are known to be harmful in certain concentrations, or have proven to be harmful to lab animals, it is not known what effect they had on people's health because it is not known how large an amount anyone was exposed to, said Maria Doa, a chemist with the U.S. Environmental Protection Agency.

The amount of toxic substances anyone is exposed to depends on such factors as the toxicity of each chemical, how close the person was to the source of the emission, wind patterns and how rapidly the chemical deteriorates in the atmosphere.

Doa said there was reason to be concerned, however, that 2.5 million pounds of the potent carcinogen benzene were emitted that year into Allegheny County's air, primarily from coke works.

Allegheny County industries emitted more than 7.5 million pounds of toxins into the air in 1989. The USX Corp.'s Clairton Works released 39 percent of that amount, 2.9 million pounds.

Manufacturers in Allegheny County flushed 600,000 pounds of hazardous chemicals into lakes, rivers and streams. Washington County had the third highest amount of pollutants released into water in the state, 306,000 pounds. Westmoreland County was fourth at 200,000 pounds and Butler County was 10th at 49,000 pounds.

Allegheny County plants spewed 7.9 million pounds of chemicals known to cause, or suspected of causing, birth defects. The plants that emitted the most were the Clairton Works, which released 1.8 million pounds, and the Aristech Chemical Corp. Tarben Plant in Clairton, which released 1.5 million pounds.

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McKinney apparently notified relatives of the assaults, he said. Police are called to the home later and Oduhah was arrested.

McKinney was taken to Shadyside Hospital and later released to a nursing home, Wolfe said.

She was admitted to Shadyside Hospital again when her condition began to deteriorate.

Pollution in county was worst in state

Study based on reports
manufacturers must file

By Sharon Voas

Post-Gazette Staff Writer

Allegheny County had the highest emissions of toxic industrial air and water pollutants of any county in the state in 1989, according to a study released yesterday by a statewide environmental group.

Allegheny County industries also emitted the highest amount of chemicals known to cause, or suspected of causing, birth defects, and they emitted the third largest amount of carcinogens, according to the study released by the Pennsylvania Campaign for the Environment.

"Allegheny County is being inducted into the Hall of Shame for the highest amount of pollution in the state," said the group's Penny Crawley.

Within Allegheny County, Clairton had the fourth highest toxic releases in the state, by zip code designation.

The study was based on reports manufacturers are required to file annually with the state and federal governments under the Superfund law and are based on the companies' own estimates of their emissions.

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REC. + MAKE-UP.

INFILTR.

1. ^{STILL} RIVER WATER.

2. POP - P²

3. -

ARSENIC, LEAD, MR
CO₂. BENZENE
BENZ(A)PYRENE

ONCE - THROUGH

SAMPLING PLAN

2 DAYS / MONTH

3 MONTHS

ALL 5 QUENCH TOWERS

EACH IS ANALYSED → 30 SAMPLES
DISSOLVED SOLIDS.

SUSP. SOLIDS

PH -

CYANIDE

AR.

AMMONIA

LEAD - PB

MR.

COD - CH. OXYGEN DEMAND

H/C

BENZENE

B(A)P

ALKALINITY

NAFTALEN

PHENOL

CONCLUSIVE.

